

# **CEN-Led Harmonization of Defense Standards in Europe**

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# Main points:

- **History**
- **Cooperation initiatives**
- **European Commission study**
- **Handbook for Defense Procurement**
- **CEN BT WG 125, WS 10**
- **Harmonization of defense standards**
- **8 + 8 expert groups**

# Interoperability

- **In theory: Standardization promotes interoperability**
- **In practice: An abundance within a nation hinders the overall interoperability goals**

# Protectionism vs. Consolidation/Cooperation

## Earlier:

- **Industrial protectionism**
- **Military (strategical) protectionism**

## Now:

- **Industrial consolidation**
- **Initiatives: WEAG (19), OCCAR (6), "The" LOI (6), EDA (24)**

# **European Commission (EC) Study regarding the European defense industry**

- **Standardization key issue**
- **University of Sussex-led study "on the Standardization Systems in the Defence Industries in the EU Member States and the USA". ("The Sussex Study")**

# Highlights of the EC study:

- **Vision**

**Goal: Common European market for defense materiel and services**

**Means: Reforming EU defense standardization systems**

- **Action plan**

- **Identify current practices in procurement and standardization**
- **Perform a selection of standards**
- **Inform about and promote best practices**

# Highlights of the EC study (cont.)

- **Compatibility**

**The reform should be compatible  
with civil organizations,  
NATO and the US defense  
standardization reform, the so  
called Perry reform from 1994**

# European Commission Seminar Nov. 2000

- Seminar called "European Defence Procurement in the 21st Century: Improving Efficiency and Enhancing Competitiveness - The role of Standardization"
- The European Commission (EC) tasked the European Committee for Standardization (Comité Européen de Normalisation) (CEN) to harmonize the defense related standards used in Europe.

# **CEN BT WG 125 and WS 10**

- **Planning meeting March 2001 with EC, CEN and defense standardization officers mostly from the six LOI nations**
- **September 2001 first meeting with WG 125**
- **To develop a handbook for standards in defense procurement, as proposed in the Essex Study, was decided**
- **May 2002 "Kick Off" for WS10. (French) chairman from industry and Swedish vice chairman from the MoD**

# Initial (part of the the) handbook

- Current processes and structures for national defense **procurement**
- Current processes and structures for national defense **standardization**
- A list of the participating nations' **national** defense standards

# Streamlining/harmonization

- **To select the most relevant and widely used standards**
- **To develop recommendations on which standards to use**

# The first part of the expert group phase

- In 2004 the first set of eight technical areas were agreed
- 112 experts from twelve countries from authorities and industry
- Met in 2004 and early 2005
- All appropriate standards considered, including civil standards and NATO STANAGs

# The first eight areas

- **Batteries**
- **Electrical interfaces**
- **Electromagnetic environment**
- **Energetic materials**
- **Environmental engineering**
- **Fuels and lubricants**
- **Nuclear, biological and chemical detectors**
- **Packaging**

# **Second part of the expert group phase (eight additional areas) with start**

- Ammunition
- **summer of 2006**
- Armored ground vehicle technologies
- Fluid handling systems
- Integrated logistics (life extension etc.)
- Life-cycle management (technical documentation)
- Paints and coatings
- Portable power supplies
- Terminology

# **”European Handbook for Defence Procurement”(EHDP)**

**Version 1.1 available on:**

**<http://www.defense-handbook.org>**

# Any questions?

# Thank you!